

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	31	piscirickettsia adj salmonis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/15 12:25
S1	3568	outer adj membrane adj protein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 13:47
S2	152	recombinant adj salmonella	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 13:49
S3	19	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:16
S4	2	"6872386".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:18
S5	1234	attenuated near25 salmonella	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:19
S6	254150	fish	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:19
S7	65131	vaccine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:19

EAST Search History

S8	134	S5 and S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:26
S9	80	yersinia adj ruckeri	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:41
S10	34	S7 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:26
S11	52	S6 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/14 16:42
S12	85181	inactivated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/15 10:55
S13	81	yersinia adj ruckeri	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/15 10:55
S14	195519	recombinant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/15 10:55
S15	12	S12 and S13 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/15 10:57

EAST Search History

S16	20	S12 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/11/15 12:24
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Logon file1 15nov07 08:24:14

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***Trademarkscan - South Korea (File 655)

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***File 141, Reader's Guide Abstracts

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***File 5, BIOSIS Previews - archival data added

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File 1:ERIC 1965-2007/Sep

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>>> 138 is unauthorized

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\$0.51 0.145 DialUnits File1

\$0.51 Estimated cost File1

\$0.02 TELNET

\$0.53 Estimated cost this search

\$0.53 Estimated total session cost 0.145 DialUnits

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File 5:BIOSIS Previews(R) 1926-2007/Nov w2

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File 34:SciSearch(R) Cited Ref Sci 1990-2007/Nov w2

Page 1

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*File 156: Please see HELP NEWS 156 for information on
changes to updating beginning in November.
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*File 159: Cancerlit is no longer updating.
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(c) 1999 AAAS
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information.
File 399: CA SEARCH(R) 1967-2007/UD=14721
(c) 2007 American Chemical Society
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File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
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Untitled

? S OUTER (W) MEMBRANE (W) PROTEIN; S FISH; S VACCINE; S YERSINIA (W) RUKERI
 Processing
 Processed 10 of 25 files ...
 Completed processing all files

501386 OUTER
 3880131 MEMBRANE
 10995827 PROTEIN
 S1 41094 OUTER (W) MEMBRANE (W) PROTEIN
 S2 1131571 FISH
 S3 700146 VACCINE
 64174 YERSINIA
 6 RUKERI
 S4 6 YERSINIA (W) RUKERI
 ? S YERSINIA (W) RUCKERI
 64174 YERSINIA
 1465 RUCKERI
 S5 1358 YERSINIA (W) RUCKERI
 ? DS

Set	Items	Description
S1	41094	OUTER (W) MEMBRANE (W) PROTEIN
S2	1131571	FISH
S3	700146	VACCINE
S4	6	YERSINIA (W) RUKERI
S5	1358	YERSINIA (W) RUCKERI

? S S1 AND S2
 41094 S1
 1131571 S2
 S6 420 S1 AND S2
 ? S S5 AND S6
 1358 S5
 420 S6
 S7 10 S5 AND S6

? RD
 S8 6 RD (unique items)

? T S8/K/ALL

>>>KWIC option is not available in file(s): 399

8/K/1 (Item 1 from file: 5)
 DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

Molecular characterization of Portuguese strains of *Yersinia ruckeri*
 isolated from fish culture systems

ABSTRACT: A total of 23 Portuguese strains of *Yersinia ruckeri*, the
 causative agent of enteric redmouth disease (ERM), were comparatively
 studied by means of lipopolysaccharide (LPS) and outer membrane
 protein (OMP) analysis, plasmid profiling and ribotyping in order to
 investigate the heterogeneity among isolates and...

DESCRIPTORS:

ORGANISMS: *Yersinia ruckeri* (Enterobacteriaceae...

... fish (Pisces

...COMMON TAXONOMIC TERMS: Fish ;

CHEMICALS & BIOCHEMICALS: ... outer membrane protein

...METHODS & EQUIPMENT: outer membrane protein analysis

8/K/2 (Item 2 from file: 5)
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CLONAL ANALYSIS OF *YERSINIA* - *RUCKERI* BASED ON BIOTYPES SEROTYPES AND
 Page 3

Untitled

OUTER MEMBRANE PROTEIN -TYPES

ABSTRACT: The biotypes, serotypes and outer membrane protein -types (OMP-types) of 135 isolates of *Yersinia ruckeri* were analysed in an attempt to identify clonal groups and to examine in further detail...

...serotypes (01, 02, 05, 06 and 07), and one of five OMP-types (1-5).

Outer membrane protein analysis was able to differentiate between isolates within a given serotype. Thus, serotype 01 isolates...

DESCRIPTORS: SALMONID FISH ENTERIC REDMOUTH DISEASE BACTERIAL POPULATION STRUCTURE EPIDEMIOLOGY VIRULENCE DETERMINANT IDENTIFICATION EUROPE

DESCRIPTORS:

...COMMON TAXONOMIC TERMS: Fish ;

8/K/3 (Item 3 from file: 5)

DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

EVIDENCE THAT *YERSINIA* - *RUCKERI* POSSESSES A HIGH AFFINITY IRON UPTAKE SYSTEM

...ABSTRACT: first evidence of the presence of an iron uptake system siderophore mediated in the bacterial fish pathogen *Yersinia ruckeri*. A group of 20 strains representative of this species, with different serotype and origin were...

...system. This system could have an important role in the pathogenicity of *Y. ruckeri* for fish.

DESCRIPTORS: PHENOLATE SIDEROPHORE LOW-IRON INDUCED OUTER MEMBRANE PROTEIN FISH PATHOGENICITY

DESCRIPTORS:

...COMMON TAXONOMIC TERMS: Fish ;

8/K/4 (Item 4 from file: 5)

DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

OUTER MEMBRANE PROTEIN PROFILES OF *YERSINIA* - *RUCKERI*

ABSTRACT: The outer membrane protein (OMP) profiles of 135 isolates of *Yersinia ruckeri*, obtained from nine European countries (100 isolates), North America (23 isolates), Australia (six isolates) and...

...five OMP-types, designated OMP-types 1-5, were identified among the 135 isolates examined. Outer membrane protein analysis was demonstrated to be useful in epidemiological studies of *Y. ruckeri*.

DESCRIPTORS: FISH VETERINARY EPIDEMIOLOGY SDS-POLYACRYLAMIDE GEL ELECTROPHORESIS NORTH AMERICA AUSTRALIA SOUTH AFRICA

DESCRIPTORS:

...COMMON TAXONOMIC TERMS: Fish ;

8/K/5 (Item 1 from file: 73)

DIALOG(R)File 73:(c) 2007 Elsevier B.V. All rts. reserv.

Virulence and serum-resistance in different clonal groups and serotypes of *Yersinia ruckeri*

...representing a range of biotypes, serotypes, and OMP-types, was examined. Virulence was assayed in fish of average weight 7.7 g by bath challenge for 1 h with approximately 5...

DRUG DESCRIPTION:

* outer membrane protein

Untitled

? S RECOMBINANT; S ATTENUATED;
 S9 1395206 RECOMBINANT
 S10 476477 ATTENUATED
 ? DS

Set	Items	Description
S1	41094	OUTER (W) MEMBRANE (W) PROTEIN
S2	1131571	FISH
S3	700146	VACCINE
S4	6	YERSINIA (W) RUKERI
S5	1358	YERSINIA (W) RUCKERI
S6	420	S1 AND S2
S7	10	S5 AND S6
S8	6	RD (unique items)
S9	1395206	RECOMBINANT
S10	476477	ATTENUATED

? S S5 AND S9
 1358 S5
 1395206 S9
 S11 32 S5 AND S9

? S S11 AND S10
 32 S11
 476477 S10
 S12 4 S11 AND S10

? S S3 AND S12
 700146 S3
 4 S12
 S13 3 S3 AND S12

? RD
 S14 3 RD (unique items)

? T S14/3/ALL

14/3/1 (Item 1 from file: 5)
 DIALOG(R)File 5:Biosis Previews(R)
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12171038 BIOSIS NO.: 199497192323
 Importance of rhabdoviruses in aquaculture. Technological strategies for prevention and control
 AUTHOR: Estepa A; Coll J
 AUTHOR ADDRESS: Dpto. de Sanidad Animal, CISA-INIA, Valdeolmos, 28130 Madrid, Spain**Spain
 JOURNAL: Investigacion Agraria Produccion y Sanidad Animales 8 (2): p 183-196 1993 1993
 ISSN: 0213-5035
 DOCUMENT TYPE: Article
 RECORD TYPE: Abstract
 LANGUAGE: Spanish

14/3/2 (Item 1 from file: 34)
 DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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00971116 Genuine Article#: FK459 No. References: 29
 Title: COMPARISON OF REPRESENTATIVE STRAINS OF INFECTIOUS HEMATOPOIETIC NECROSIS VIRUS BY SEROLOGICAL NEUTRALIZATION AND CROSS-PROTECTION ASSAYS
 Author(s): ENGELKING HM; HARRY JB; LEONG JAC
 Corporate Source: OREGON STATE UNIV, DEPT MICROBIOL/CORVALLIS//OR/97331; OREGON STATE UNIV, DEPT MICROBIOL/CORVALLIS//OR/97331; UNIV CALIF LOS ANGELES, SCH MED, DEPT MICROBIOL & IMMUNOL/LOS ANGELES//CA/90024
 Journal: APPLIED AND ENVIRONMENTAL MICROBIOLOGY, 1991, V57, N5, P1372-1378

Untitled

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

14/3/3 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01856878 ORDER NO: AADAA-I3029576
Recombinant vaccines against infectious hematopoietic necrosis virus:
Bacterial systems for vaccine production and delivery (Oncorhynchus
mykiss, Caulobacter crescentus, Escherichia coli, Yersinia ruckeri)
Author: Simon, Benjamin E.
Degree: Ph.D.
Year: 2002
Corporate Source/Institution: Oregon State University (0172)
Source: VOLUME 62/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4363. 198 PAGES
ISBN: 0-493-41896-2

? T S14/K/ALL
>>>KWIC option is not available in file(s): 399

14/K/1 (Item 1 from file: 5)
DIALOG(R)File 5:(c) 2007 The Thomson Corporation. All rts. reserv.

...ABSTRACT: seems to be the only one solution with technological possibilities since the use of the attenuated variants is not allowed by the international community due to the reversion rate and the danger of contamination of the water. Recombinant protein fragments of glycoprotein G and nucleoprotein N from the rhabdovirus causing the viral haemorrhagic septicaemia (VHS of trout were expressed in Escherichia coli, Yersinia ruckeri (trout pathogen) and Saccharomyces cerevisiae. Immunization of fingerling trout with S. cerevisiae recombinant proteins N3 and G4 induced a similar level of protection against VHSV challenge to that one obtained by immunization with attenuated strains of VHSV. The protective recombinant protein fragments induced "in vitro" anamnestic response in leukocyte cultures from survivors of VHSV infection...

...the development of the necessary adjuvants for immersion vaccination are the future necessary steps further vaccine development against these diseases. The recent introduction of immunization with plasmids expressing viral protein is...

14/K/2 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2007 The Thomson Corp. All rts. reserv.

...Abstract: been a problem in the northwestern United States from California to Alaska, and an IHN virus vaccine has been sought by the aquaculture experts. Since an IHN virus vaccine must be designed to immunize against all viral serotypes, an analysis of IHN virus serotypes was

...Identifiers--VIBRIO-ANGUILLARUM; YERSINIA - RUCKERI ; DIRECT IMMERSION;
GLYCOPROTEIN; BACTERINS; IMMUNITY; RABIES; FISH
Research Fronts: 89-1541 001 (VACCINIA VIRUS; ATTENUATED RECOMBINANT
EXPRESSING HIV-1 ENVELOPE PROTEIN; BAT RABIES)
89-3034 001 (MICROTUBULE CROSS-LINKING PROTEIN; SMALL...

14/K/3 (Item 1 from file: 35)
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Recombinant vaccines against infectious hematopoietic necrosis virus:
Page 6

Untitled
Bacterial systems for vaccine production and delivery (Oncorhynchus mykiss, Caulobacter crescentus, Escherichia coli, Yersinia ruckeri)

Several systems were examined for the production and delivery of recombinant vaccines for fish. *C. crescentus* was employed to produce a fragment of the...

...terminus of the *Caulobacter crescentus* protected the fish against lethal challenge with IHN. Attenuated strains of *Yersinia ruckeri* were generated using allelic exchange mutagenesis. These strains were characterized in terms of *in vitro* growth characteristics and invasiveness. Attenuated *E. coli* and *Y. ruckeri* were exploited to deliver plasmid DNA to fish cells *in vitro*; attenuated *Y. ruckeri* bacteria were examined *in vivo* as bivalent vaccine delivery vehicles, either through the expression of a fragment of the IHN glycoprotein or by carrying a plasmid DNA vaccine encoding the complete IHN glycoprotein. A cell wall deficient strain (11.29Δ*dap*...
? T S14/3/ALL

14/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12171038 BIOSIS NO.: 199497192323
Importance of rhabdoviruses in aquaculture. Technological strategies for prevention and control
AUTHOR: Estepa A; Coll J
AUTHOR ADDRESS: Dpto. de Sanidad Animal, CISA-INIA, Valdeolmos, 28130 Madrid, Spain**Spain
JOURNAL: Investigacion Agraria Produccion y Sanidad Animales 8 (2): p 183-196 1993 1993
ISSN: 0213-5035
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Spanish

14/3/2 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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00971116 Genuine Article#: FK459 No. References: 29
Title: COMPARISON OF REPRESENTATIVE STRAINS OF INFECTIOUS HEMATOPOIETIC NECROSIS VIRUS BY SEROLOGICAL NEUTRALIZATION AND CROSS-PROTECTION ASSAYS
Author(s): ENGELKING HM; HARRY JB; LEONG JAC
Corporate Source: OREGON STATE UNIV, DEPT MICROBIOL/CORVALLIS//OR/97331; OREGON STATE UNIV, DEPT MICROBIOL/CORVALLIS//OR/97331; UNIV CALIF LOS ANGELES, SCH MED, DEPT MICROBIOL & IMMUNOL/LOS ANGELES//CA/90024
Journal: APPLIED AND ENVIRONMENTAL MICROBIOLOGY, 1991, V57, N5, P1372-1378
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

14/3/3 (Item 1 from file: 35)
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01856878 ORDER NO: AADAA-I3029576
Recombinant vaccines against infectious hematopoietic necrosis virus: Bacterial systems for vaccine production and delivery (Oncorhynchus mykiss, Caulobacter crescentus, Escherichia coli, Yersinia ruckeri)

Untitled

Author: Simon, Benjamin E.
Degree: Ph.D.
Year: 2002
Corporate Source/Institution: Oregon State University (0172)
Source: VOLUME 62/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4363. 198 PAGES
ISBN: 0-493-41896-2

? T S14/7/3

14/7/3 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01856878 ORDER NO: AADAA-I3029576

Recombinant vaccines against infectious hematopoietic necrosis virus:
Bacterial systems for vaccine production and delivery (*Oncorhynchus mykiss*, *Caulobacter crescentus*, *Escherichia coli*, *Yersinia ruckeri*)

Author: Simon, Benjamin E.
Degree: Ph.D.
Year: 2002
Corporate Source/Institution: Oregon State University (0172)
Adviser: Jo-Ann C. Leong
Source: VOLUME 62/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4363. 198 PAGES
ISBN: 0-493-41896-2

Several systems were examined for the production and delivery of recombinant vaccines for fish. *C. crescentus* was employed to produce a fragment of the IHNV glycoprotein. When administered by injection to 0.5 gram rainbow trout (*Oncorhynchus mykiss*), one of the fusion proteins (184 amino acids of the IHNV glycoprotein fused to 242 amino acids of the C-terminus of the *Caulobacter crescentus*) protected the fish against lethal challenge with IHNV. Attenuated strains of *Yersinia ruckeri* were generated using allelic exchange mutagenesis. These strains were characterized in terms of *in vitro* growth characteristics and invasiveness. Attenuated *E. coli* and *Y. ruckeri* were exploited to deliver plasmid DNA to fish cells *in vitro*; attenuated *Y. ruckeri* bacteria were examined *in vivo* as bivalent vaccine delivery vehicles, either through the expression of a fragment of the IHNV glycoprotein or by carrying a plasmid DNA vaccine encoding the complete IHNV glycoprotein. A cell wall deficient strain (11.29Δ*dap*) protected rainbow trout against lethal challenge with pathogenic *Y. ruckeri*. Gene transfer to fish was not detected by luciferase reporter gene assays. No clear protection from IHNV challenge was observed.

? T S14/9/3

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01856878 ORDER NO: AADAA-I3029576

Recombinant vaccines against infectious hematopoietic necrosis virus:
Bacterial systems for vaccine production and delivery (*Oncorhynchus mykiss*, *Caulobacter crescentus*, *Escherichia coli*, *Yersinia ruckeri*)

Author: Simon, Benjamin E.
Degree: Ph.D.
Year: 2002
Corporate Source/Institution: Oregon State University (0172)
Adviser: Jo-Ann C. Leong
Source: VOLUME 62/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

Untitled

PAGE 4363. 198 PAGES

Descriptors: BIOLOGY, MICROBIOLOGY ; FISHERIES ; AGRICULTURE, ANIMAL
PATHOLOGY

Descriptor Codes: 0410; 0792; 0476

ISBN: 0-493-41896-2

Several systems were examined for the production and delivery of recombinant vaccines for fish. *C. crescentus* was employed to produce a fragment of the IHN glycoprotein. When administered by injection to 0.5 gram rainbow trout (*Oncorhynchus mykiss*), one of the fusion proteins (184 amino acids of the IHN glycoprotein fused to 242 amino acids of the C-terminus of the *Caulobacter crescentus*) protected the fish against lethal challenge with IHN. Attenuated strains of *Yersinia ruckeri* were generated using allelic exchange mutagenesis. These strains were characterized in terms of *in vitro* growth characteristics and invasiveness. Attenuated *E. coli* and *Y. ruckeri* were exploited to deliver plasmid DNA to fish cells *in vitro*; attenuated *Y. ruckeri* bacteria were examined *in vivo* as bivalent vaccine delivery vehicles, either through the expression of a fragment of the IHN glycoprotein or by carrying a plasmid DNA vaccine encoding the complete IHN glycoprotein. A cell wall deficient strain (11.29Δ*dap*) protected rainbow trout against lethal challenge with pathogenic *Y. ruckeri*. Gene transfer to fish was not detected by luciferase reporter gene assays. No clear protection from IHN challenge was observed.

? E AU=THIRY, MICHEL

Ref	Items	Index-term
E1	1	AU=THIRY, MEDERD
E2	1	AU=THIRY, MICHAEL
E3	10	*AU=THIRY, MICHEL
E4	4	AU=THIRY, N.
E5	1	AU=THIRY, O.
E6	60	AU=THIRY, P.
E7	184	AU=THIRY, P. A.
E8	3	AU=THIRY, PAUL
E9	22	AU=THIRY, PAUL A.
E10	1	AU=THIRY, PH.
E11	15	AU=THIRY, PHILIPPE
E12	3	AU=THIRY, PIERRE

Enter P or PAGE for more

? S E3
S15 10 AU='THIRY, MICHEL'
? DS

Set	Items	Description
S1	41094	OUTER (W) MEMBRANE (W) PROTEIN
S2	1131571	FISH
S3	700146	VACCINE
S4	6	YERSINIA (W) RUKERI
S5	1358	YERSINIA (W) RUCKERI
S6	420	S1 AND S2
S7	10	S5 AND S6
S8	6	RD (unique items)
S9	1395206	RECOMBINANT
S10	476477	ATTENUATED
S11	32	S5 AND S9
S12	4	S11 AND S10
S13	3	S3 AND S12
S14	3	RD (unique items)

Untitled

S15 10 AU='THIRY, MICHEL'
? S S2 AND S15
1131571 S2
10 S15
S16 4 S2 AND S15
? RD
S17 4 RD (unique items)
? T S17/3/ALL

17/3/1 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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144389106 CA: 144(21)389106g PATENT
Piscirickettsia salmonis antigens as vaccines against salmonid
rickettsial septicemia and other bacterial or viral infection in fish
INVENTOR(AUTHOR): Thiry, Michel; Dheur, Ingrid
LOCATION: Belg.
PATENT: PCT International ; WO 200637383 A1 DATE: 20060413
APPLICATION: WO 2005EP3615 (20050405) *WO 2004IB3339 (20041001) *IE 674
(20041005)

PAGES: 129 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPCR/8 + Level Value Position Status Version Action Source Office:

C07K-0014/29	A	I	F	B	20060101	H	EP
C12N-0015/31	A	I	L	B	20060101	H	EP
C07K-0016/12	A	I	L	B	20060101	H	EP
A61K-0039/02	A	I	L	B	20060101	H	EP
A61K-0039/295	A	I	L	B	20060101	H	EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR;
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH;
PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA;
UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: AT; BE; BG; CH; CY
; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM;
AZ; BY; KG; KZ; MD; RU; TJ; TM

17/3/2 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142409696 CA: 142(22)409696p PATENT
Vaccines comprising Piscirickettsia salmonis antigens for protecting fish
against salmonid rickettsial septicemia
INVENTOR(AUTHOR): Thiry, Michel; Dheur, Ingrid
LOCATION: Belg.
PATENT: PCT International ; WO 200535558 A2 DATE: 20050421
APPLICATION: WO 2004IB3339 (20041001) *IE 743 (20031007)
PAGES: 99 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:

CLASS: C07K-014/29A; C12N-015/31B; C07K-016/12B; A61K-039/02B;
A61K-039/295B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;

Untitled

BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

17/3/3 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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116001739 CA: 116(1)1739y PATENT
Cloning and expression of a cDNA for the N protein of fish hemorrhagic septicemia virus
INVENTOR(AUTHOR): Bernard, Jacqueline; Lecoq-Xhonneux, Florence; Thiry, Michel; De Kinkelin, Pierre
LOCATION: Fr.
ASSIGNEE: Institut National de la Recherche Agronomique
PATENT: PCT International ; WO 9113987 A1 DATE: 910919
APPLICATION: WO 91FR198 (910312) *FR 903091 (900312)
PAGES: 44 pp. CODEN: PIXXD2 LANGUAGE: French
PATENT CLASSIFICATIONS:
CLASS: C12N-015/47A; C07K-013/00B; C12Q-001/68B; A61K-039/205B; G01N-033/569B
DESIGNATED COUNTRIES: US DESIGNATED REGIONAL: AT; BE; CH; DE; DK; ES; FR ; GB; GR; IT; LU; NL; SE

17/3/4 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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113186085 CA: 113(21)186085m PATENT
Hemorrhagic septicemia virus antigens cloned for use in vaccines
INVENTOR(AUTHOR): Renard, Andre; Thiry, Michel
LOCATION: Belg.
ASSIGNEE: Eurogentec S. A.
PATENT: PCT International ; WO 9004028 A1 DATE: 900419
APPLICATION: WO 89EP1228 (891012) *EP 88402587 (881012)
PAGES: 108 pp. CODEN: PIXXD2 LANGUAGE: French
PATENT CLASSIFICATIONS:
CLASS: C12N-015/47A; A61K-039/205B; C12Q-001/68B; C12Q-001/70B; C07K-015/00B
DESIGNATED COUNTRIES: AU; DK; FI; JP; MC; NO; SU; US
? DS

Set	Items	Description
S1	41094	OUTER (W) MEMBRANE (W) PROTEIN
S2	1131571	FISH
S3	700146	VACCINE
S4	6	YERSINIA (W) RUKERI
S5	1358	YERSINIA (W) RUCKERI
S6	420	S1 AND S2
S7	10	S5 AND S6
S8	6	RD (unique items)
S9	1395206	RECOMBINANT
S10	476477	ATTENUATED
S11	32	S5 AND S9
S12	4	S11 AND S10
S13	3	S3 AND S12
S14	3	RD (unique items)
S15	10	AU='THIRY, MICHEL'
S16	4	S2 AND S15
S17	4	RD (unique items)
? S S5 AND S15		

Untitled

1358 S5
10 S15
S18 2 S5 AND S15
? T S18/3/ALL

18/3/1 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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144389106 CA: 144(21)389106g PATENT
Piscirickettsia salmonis antigens as vaccines against salmonid
rickettsial septicemia and other bacterial or viral infection in fish
INVENTOR(AUTHOR): Thiry, Michel; Dheur, Ingrid
LOCATION: Belg.
PATENT: PCT International ; WO 200637383 A1 DATE: 20060413
APPLICATION: WO 2005EP3615 (20050405) *WO 2004IB3339 (20041001) *IE 674
(20041005)

PAGES: 129 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPCR/8 + Level Value Position Status Version Action Source Office:

C07K-0014/29	A	I	F	B	20060101	H	EP
C12N-0015/31	A	I	L	B	20060101	H	EP
C07K-0016/12	A	I	L	B	20060101	H	EP
A61K-0039/02	A	I	L	B	20060101	H	EP
A61K-0039/295	A	I	L	B	20060101	H	EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR;
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH;
PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA;
UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: AT; BE; BG; CH; CY;
; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM;
AZ; BY; KG; KZ; MD; RU; TJ; TM

18/3/2 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142409696 CA: 142(22)409696p PATENT
Vaccines comprising Piscirickettsia salmonis antigens for protecting fish
against salmonid rickettsial septicemia
INVENTOR(AUTHOR): Thiry, Michel; Dheur, Ingrid
LOCATION: Belg.
PATENT: PCT International ; WO 200535558 A2 DATE: 20050421
APPLICATION: WO 2004IB3339 (20041001) *IE 743 (20031007)
PAGES: 99 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07K-014/29A; C12N-015/31B; C07K-016/12B; A61K-039/02B;
A61K-039/295B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
NE; SN; TD; TG
? E AU=DHEUR, INGRID

Untitled

Ref	Items	Index-term
E1	2	AU=DHEUR, ANDRE
E2	3	AU=DHEUR, I.
E3	2	*AU=DHEUR, INGRID
E4	2	AU=DHEUR, J.
E5	1	AU=DHEUR, JEAN
E6	2	AU=DHEUR, JEAN LUC
E7	5	AU=DHEUR, L.
E8	2	AU=DHEUR, LUC MARIE GHISLAIN
E9	7	AU=DHEUR, SONIA
E10	2	AU=DHEUREUSE C
E11	1	AU=DHEUREUSE JH
E12	1	AU=DHEURLE A

Enter P or PAGE for more

? T S3

3/2/1 (Item 1 from file: 5)
 DIALOG(R)File 5:Biosis Previews(R)
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0019924662 BIOSIS NO.: 200700584403
 The immune response and protective efficacy of oral alginate microparticle
 Aeromonas sobria vaccine in soft-shelled turtles (Trionyx sinensis)
 AUTHOR: Yang Zhigang; Pan Hangjun; Sun Hongxiang (Reprint)
 AUTHOR ADDRESS: Zhejiang Univ, Coll Anim Sci, Kaixuan Rd 268, Hangzhou
 310029, Peoples R China**Peoples R China
 AUTHOR E-MAIL ADDRESS: sunhx@zju.edu.cn
 JOURNAL: Veterinary Immunology and Immunopathology 119 (3-4): p299-302 OCT
 15 2007 2007
 ITEM IDENTIFIER: doi:10.1016/j.vetimm.2007.05.011
 ISSN: 0165-2427
 DOCUMENT TYPE: Article
 RECORD TYPE: Abstract
 LANGUAGE: English
 DESCRIPTORS:
 MAJOR CONCEPTS: Pharmacology; Infection; Immune System--Chemical
 Coordination and Homeostasis; Veterinary Medicine--Medical Sciences
 BIOSYSTEMATIC NAMES: Aeromonadaceae--Facultatively Anaerobic
 Gram-Negative Rods, Eubacteria, Bacteria, Microorganisms; Chelonia--
 Reptilia, Vertebrata, Chordata, Animalia
 ORGANISMS: Aeromonas sobria (Aeromonadaceae)--pathogen, strain-Z-1;
 Trionyx sinensis {soft-shelled turtle} (Chelonia)--host
 ORGANISMS: PARTS ETC: leukocyte--immune system, blood and lymphatics
 COMMON TAXONOMIC TERMS: Bacteria; Eubacteria; Microorganisms; Animals;
 Chordates; Nonhuman Vertebrates; Reptiles; Vertebrates
 CHEMICALS & BIOCHEMICALS: serum agglutinating antibody; Aeromonas
 sobria vaccine --immunologic-drug, immunostimulant-drug, oral
 administration
 MISCELLANEOUS TERMS: immune response; relative percent survival;
 bactericidal activity; protective efficacy

CONCEPT CODES:

02506 Cytology - Animal
 12512 Pathology - Therapy
 15002 Blood - Blood and lymph studies
 15004 Blood - Blood cell studies
 22002 Pharmacology - General
 22018 Pharmacology - Immunological processes and allergy
 31000 Physiology and biochemistry of bacteria
 34502 Immunology - General and methods
 36002 Medical and clinical microbiology - Bacteriology
 38002 Veterinary science - General and methods

BIOSYSTEMATIC CODES:

06701 Aeromonadaceae

85402 Chelonia

? S DS

S19 90793 DS

? DS

Set	Items	Description
S1	41094	OUTER (W) MEMBRANE (W) PROTEIN
S2	1131571	FISH
S3	700146	VACCINE
S4	6	YERSINIA (W) RUKERI
S5	1358	YERSINIA (W) RUCKERI
S6	420	S1 AND S2
S7	10	S5 AND S6
S8	6	RD (unique items)
S9	1395206	RECOMBINANT
S10	476477	ATTENUATED
S11	32	S5 AND S9
S12	4	S11 AND S10
S13	3	S3 AND S12
S14	3	RD (unique items)
S15	10	AU='THIRY, MICHEL'
S16	4	S2 AND S15
S17	4	RD (unique items)
S18	2	S5 AND S15
S19	90793	DS

? E AU-DHEUR, INGRID

Ref	Items	Index-term
E1	1	AU-DESSUS OCEAN
E2	1	AU-DESSUS SOL PLAT
E3	0	*AU-DHEUR, INGRID
E4	1	AU-DIAGNOSIS
E5	2	AU-DIFFUSED
E6	3	AU-DIFFUSION
E7	1	AU-DIHEXADECYLPHOSPHATE
E8	1	AU-DISPERSED
E9	1	AU-DNA
E10	1	AU-DNA NANOPARTICLE CONJUGATES
E11	1	AU-DONNELLY
E12	37	AU-DOPED

Enter P or PAGE for more

? E AU=DHEUR, INGRID

Ref	Items	Index-term
E1	2	AU=DHEUR, ANDRE
E2	3	AU=DHEUR, I.
E3	2	*AU=DHEUR, INGRID
E4	2	AU=DHEUR, J.
E5	1	AU=DHEUR, JEAN
E6	2	AU=DHEUR, JEAN LUC
E7	5	AU=DHEUR, L.
E8	2	AU=DHEUR, LUC MARIE GHISLAIN
E9	7	AU=DHEUR, SONIA
E10	2	AU=DHEUREUSE C
E11	1	AU=DHEUREUSE JH
E12	1	AU=DHEURLE A

Enter P or PAGE for more

? S E3

S20

2 AU='DHEUR, INGRID'

Untitled

? RD
S21 2 RD (unique items)
? T S21/3/ALL

21/3/1 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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144389106 CA: 144(21)389106g PATENT
Piscirickettsia salmonis antigens as vaccines against salmonid
rickettsial septicemia and other bacterial or viral infection in fish
INVENTOR(AUTHOR): Thiry, Michel; Dheur, Ingrid
LOCATION: Belg.
PATENT: PCT International ; WO 200637383 A1 DATE: 20060413
APPLICATION: WO 2005EP3615 (20050405) *WO 2004IB3339 (20041001) *IE 674
(20041005)
PAGES: 129 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
IPCR/8 + Level Value Position Status Version Action Source Office:
C07K-0014/29 A I F B 20060101 H EP
C12N-0015/31 A I L B 20060101 H EP
C07K-0016/12 A I L B 20060101 H EP
A61K-0039/02 A I L B 20060101 H EP
A61K-0039/295 A I L B 20060101 H EP
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR;
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH;
PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA;
UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: AT; BE; BG; CH; CY
; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM;
AZ; BY; KG; KZ; MD; RU; TJ; TM

21/3/2 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142409696 CA: 142(22)409696p PATENT
Vaccines comprising Piscirickettsia salmonis antigens for protecting fish
against salmonid rickettsial septicemia
INVENTOR(AUTHOR): Thiry, Michel; Dheur, Ingrid
LOCATION: Belg.
PATENT: PCT International ; WO 200535558 A2 DATE: 20050421
APPLICATION: WO 2004IB3339 (20041001) *IE 743 (20031007)
PAGES: 99 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
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A61K-039/295B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
NE; SN; TD; TG
? S PISCIRICKETTSIA (W) SALMONIS; S GENOME (W) SEQUENCE
389 PISCIRICKETTSIA

Untitled

2431 SALMONIS
S22 371 PISCIRICKETTSIA (W) SALMONIS
886088 GENOME
3991993 SEQUENCE
S23 38407 GENOME (W) SEQUENCE

? DS

Set	Items	Description
S1	41094	OUTER (W) MEMBRANE (W) PROTEIN
S2	1131571	FISH
S3	700146	VACCINE
S4	6	YERSINIA (W) RUKERI
S5	1358	YERSINIA (W) RUCKERI
S6	420	S1 AND S2
S7	10	S5 AND S6
S8	6	RD (unique items)
S9	1395206	RECOMBINANT
S10	476477	ATTENUATED
S11	32	S5 AND S9
S12	4	S11 AND S10
S13	3	S3 AND S12
S14	3	RD (unique items)
S15	10	AU='THIRY, MICHEL'
S16	4	S2 AND S15
S17	4	RD (unique items)
S18	2	S5 AND S15
S19	90793	DS
S20	2	AU='DHEUR, INGRID'
S21	2	RD (unique items)
S22	371	PISCIRICKETTSIA (W) SALMONIS
S23	38407	GENOME (W) SEQUENCE

? S S22 AND S23

371 S22

38407 S23

S24 0 S22 AND S23

? S GENOME

S25 886088 GENOME

? S S22 AND S25

371 S22

886088 S25

S26 19 S22 AND S25

? RD

S27 11 RD (unique items)

? T S27/3/ALL

27/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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17749319 BIOSIS NO.: 200400120076

Immunoresponse of Coho salmon immunized with a gene expression library from
Piscirickettsia salmonis .

AUTHOR: Miquel Alvaro; Muller Ilse; Ferrer Pablo; Valenzuela Pablo D T
(Reprint); Burzio Luis O

AUTHOR ADDRESS: Millennium Institute for Fundamental and Applied Biology,
Av. Marathon 1943, Nunoa, Santiago, Chile**Chile

AUTHOR E-MAIL ADDRESS: pvalenzu@bionova.cl

JOURNAL: Biological Research 36 (3-4): p313-323 2003 2003

MEDIUM: print

ISSN: 0716-9760

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

Untitled

27/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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17672825 BIOSIS NO.: 200400043582
26th Annual Meeting of the Sociedad de Bioquímica y Biología Molecular de Chile, Villa Alemana, Chile, September 23-26, 2003.
AUTHOR: Sociedad de Bioquímica y Biología Molecular de Chile
JOURNAL: Biological Research 36 (3-4): pR-105-R-138 2003 2003
MEDIUM: print
CONFERENCE/MEETING: 26th Annual Meeting of the Sociedad de Bioquímica y Biología Molecular de Chile Villa Alemana, Chile September 23-26, 2003; 20030923.
SPONSOR: Sociedad de Bioquímica y Biología Molecular de Chile
ISSN: 0716-9760
DOCUMENT TYPE: Meeting; Meeting Summary
RECORD TYPE: Abstract
LANGUAGE: English; Spanish

27/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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15667860 BIOSIS NO.: 200000386173
Monitoring Piscirickettsia salmonis by denaturant gel electrophoresis and competitive PCR
AUTHOR: Heath S; Pak S; Marshall S; Prager E M; Orrego C (Reprint)
AUTHOR ADDRESS: Conservation Genetics Laboratory, Department of Biology, San Francisco State University, 1600 Holloway Avenue, San Francisco, CA, 94132, USA**USA
JOURNAL: Diseases of Aquatic Organisms 41 (1): p19-29 May 25, 2000 2000
MEDIUM: print
ISSN: 0177-5103
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

27/3/4 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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12009410 Genuine Article#: 721NK No. References: 28
Title: The complete sequence of the mitochondrial genome of the Chinook salmon, Oncorhynchus tshawytscha
Author(s): Wilhelm V; Villegas J; Miquel A; Engel E; Bernal S; Valenzuela PDT; Burzio LO (REPRINT)
Corporate Source: BIOS Chile IGSA, Avda Marathon 1943/Santiago//Chile/ (REPRINT); BIOS Chile IGSA, Santiago//Chile/; MIFAB, Inst Milenio Biol Fundamental & Aplicada, Santiago//Chile/; Fdn Ciencia Vida, Santiago//Chile/
Journal: BIOLOGICAL RESEARCH, 2003, V36, N2, P223-231
ISSN: 0716-9760 Publication date: 20030000
Publisher: SOCIEDAD BIOLOGIA CHILE, CASILLA 16164, SANTIAGO 9, CHILE
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

27/3/5 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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02041687 ORDER NO: AADAA-INQ93848

Identification of immunoreactive protein encoding genes of the fish pathogen *Piscirickettsia salmonis* and evaluation of their use in genetic vaccination

Author: Brouwers, Hubert Johan Marie

Degree: Ph.D.

Year: 2005

Corporate Source/Institution: University of Prince Edward Island (Canada) (1108)

Source: VOLUME 65/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 4346. 187 PAGES

ISBN: 0-612-93848-4

27/3/6 (Item 1 from file: 71)
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03008226 2005166167

Production and immune response of recombinant Hsp60 and Hsp70 from the salmon pathogen *Piscirickettsia salmonis*

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Journal: Biological Research, 38/1 (69-82), 2005, Chile

CODEN: BESEE

ISSN: 0716-9760

DOCUMENT TYPE: Article

LANGUAGES: English SUMMARY LANGUAGES: English

NO. OF REFERENCES: 32

27/3/7 (Item 2 from file: 71)
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02501739 2003289941

Cloning and expression of the coding regions of the heat shock proteins HSP10 and HSP16 from *Piscirickettsia salmonis*

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Journal: Biological Research, 36/3-4 (421-428), 2003, Chile

CODEN: BESEE

ISSN: 0716-9760

DOCUMENT TYPE: Article

LANGUAGES: English SUMMARY LANGUAGES: English

NO. OF REFERENCES: 24

27/3/8 (Item 3 from file: 71)
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01870198 2001235935

Amplification of a *Piscirickettsia salmonis* -like 16S rDNA product from bacterioplankton DNA collected from the coastal waters of Oregon, USA

Maue M.J.; Fryer J.L.

Untitled

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Georgia, Post Office Box 1389, Tifton, GA 31793, United States
EMAIL: mmauel@tifton.cpes.peachnet.edu
Journal: Journal of Aquatic Animal Health, 13/3 (280-284), 2001, United
States
CODEN: JAAHE
ISSN: 0899-7659
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 17

27/3/9 (Item 4 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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01314871 1999059040
Phylogenetic analysis of *Piscirickettsia salmonis* by 16S, internal
transcribed spacer (ITS) and 23S ribosomal DNA sequencing
Mael M.J.; Giovannoni S.J.; Fryer J.L.
ADDRESS: J.L. Fryer, Department of Microbiology, Center for salmon Disease
Research, Oregon State University, Corvallis, OR 97331-3804,
United States
EMAIL: fryerj@bcc.orst.edu
Journal: Diseases of Aquatic Organisms, 35/2 (115-123), 1999, Germany
PUBLICATION DATE: January 29, 1999
CODEN: DAORE
ISSN: 0177-5103
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 37

27/3/10 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2007 Elsevier B.V. All rts. reserv.

10990086 EMBASE No: 2001034618
OspA, a lipoprotein antigen of the obligate intracellular bacterial
pathogen *Piscirickettsia salmonis*
Kuzyk M.A.; Burian J.; Thornton J.C.; Kay W.W.
W.W. Kay, Canadian Bacterial Diseases Network, Dept. of
Biochemistry/Microbiology, University of Victoria, P.O. Box 3055,
Victoria, BC V8W 3P6 Canada
AUTHOR EMAIL: wkay@uvic.ca
Journal of Molecular Microbiology and Biotechnology (J. MOL. MICROBIOL.
BIOTECHNOL.) (United Kingdom) 2001, 3/1 (83-93)
CODEN: JMMBF ISSN: 1464-1801
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 56

27/3/11 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2007 Dialog. All rts. reserv.

15235670 PMID: 15454580
Microarray analyses identify molecular biomarkers of Atlantic salmon
macrophage and hematopoietic kidney response to *Piscirickettsia salmonis*
infection.
Rise Matthew L; Jones Simon R M; Brown Gordon D; von Schalburg Kristian R
; Davidson William S; Koop Ben F

Untitled

Great Lakes Wisconsin Aquatic Technology and Environmental Research
(WATER) Institute, University of Wisconsin-Milwaukee,
Physiological genomics (United States) Dec 15 2004, 20 (1) p21-35,
ISSN 1531-2267--Electronic Journal Code: 9815683
Publishing Model Print-Electronic
Document type: Journal Article; Research Support, Non-U.S. Gov't
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed
? DS

Set	Items	Description
S1	41094	OUTER (W) MEMBRANE (W) PROTEIN
S2	1131571	FISH
S3	700146	VACCINE
S4	6	YERSINIA (W) RUKERI
S5	1358	YERSINIA (W) RUCKERI
S6	420	S1 AND S2
S7	10	S5 AND S6
S8	6	RD (unique items)
S9	1395206	RECOMBINANT
S10	476477	ATTENUATED
S11	32	S5 AND S9
S12	4	S11 AND S10
S13	3	S3 AND S12
S14	3	RD (unique items)
S15	10	AU='THIRY, MICHEL'
S16	4	S2 AND S15
S17	4	RD (unique items)
S18	2	S5 AND S15
S19	90793	DS
S20	2	AU='DHEUR, INGRID'
S21	2	RD (unique items)
S22	371	PISCIRICKETTSIA (W) SALMONIS
S23	38407	GENOME (W) SEQUENCE
S24	0	S22 AND S23
S25	886088	GENOME
S26	19	S22 AND S25
S27	11	RD (unique items)
? S LMG (W) P-22511		
	4742	LMG
	0	P-22511
S28	0	LMG (W) P-22511
? DS		

Set	Items	Description
S1	41094	OUTER (W) MEMBRANE (W) PROTEIN
S2	1131571	FISH
S3	700146	VACCINE
S4	6	YERSINIA (W) RUKERI
S5	1358	YERSINIA (W) RUCKERI
S6	420	S1 AND S2
S7	10	S5 AND S6
S8	6	RD (unique items)
S9	1395206	RECOMBINANT
S10	476477	ATTENUATED
S11	32	S5 AND S9
S12	4	S11 AND S10
S13	3	S3 AND S12
S14	3	RD (unique items)
S15	10	AU='THIRY, MICHEL'
S16	4	S2 AND S15
S17	4	RD (unique items)

Untitled

S18	2	S5 AND S15
S19	90793	DS
S20	2	AU='DHEUR, INGRID'
S21	2	RD (unique items)
S22	371	PISCIRICKETTSIA (W) SALMONIS
S23	38407	GENOME (W) SEQUENCE
S24	0	S22 AND S23
S25	886088	GENOME
S26	19	S22 AND S25
S27	11	RD (unique items)
S28	0	LMG (W) P-22511
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